In the Claims:

Please amend the claims as follows.

Please cancel claims 1020, 1024-1028, 1030, 1032, 1034, 1038, 1040, 1044-1048, 1050, 1052, 1054, and 1058.

The following lists all claims and their status:

1-1018 (Canceled)

1019. (Currently amended) A <u>composition comprising a chemical compound</u> comprising a carotenoid derivative having the structure

1020. (Cancelled)

- 1021. (Currently amended) The compound composition of claim 1019, wherein the compound composition is at least partially water soluble.
- 1022. (Currently amended) The compound composition of claim 1019, wherein the carotenoid derivative is a derivative of chemical compound is derived from a naturally occurring carotenoid.

1023. (Currently amended) The compound of claim 1019, wherein the carotenoid derivative is a derivative of a naturally occurring carotenoid, and wherein the chemical compound is derived from naturally occurring carotenoid is astaxanthin obtained from a natural source.

1024-1028 (Cancelled)

1029. (Currently amended) The <u>compound-composition</u> of claim 1019, wherein the <u>compound-composition</u> is at least partially water dispersible.

1030. (Cancelled)

1031. (Currently amended) The <u>compound-composition</u> of claim 1019, wherein the <u>compound-composition</u> is at least partially hydrophylic.

1032. (Cancelled)

1033. (Currently amended) The <u>compound-composition</u> of claim 1019, wherein the <u>compound-composition</u> comprises at least one co-antioxidant.

1034. (Cancelled)

1035. (Currently amended) The <u>compound composition</u> of claim 1019, wherein the <u>compound composition</u> is part of an aqueous solution.

1036. (Currently amended) The <u>compound-composition</u> of claim 1019, wherein the <u>compound-composition</u> is part of an oily suspension.

1037. (Currently amended) The <u>compound-composition</u> of claim 1019, wherein the <u>chemical compound</u> is optically active.

1038. (Cancelled)

1039. (Currently amended) A <u>composition comprising a chemical compound</u> comprising having the structure

1040. (Cancelled)

1041. (Currently amended) The <u>composition compound</u> of claim 1039, wherein the <u>compound composition</u> is at least partially water soluble.

1042. (<u>Currently amended</u>) The <u>eompound-composition</u> of claim 1039, wherein the <u>carotenoid derivative</u> chemical compound is <u>a derivative of derived from</u> a naturally occurring carotenoid.

1043. (Currently amended) The compound composition of claim 1039, wherein the carotenoid derivative is a derivative of a naturally occurring carotenoid, and wherein the naturally occurring carotenoid is chemical compound is derived from a stax anthin obtained from a natural source.

1044-1048 (Cancelled)

1049. (Currently amended) The <u>compound composition</u> of claim 1039, wherein the compound composition is at least partially water dispersible.

1050. (Cancelled)

1051. (Currently amended) The compound composition of claim 1039, wherein the

compound composition is at least partially hydrophylic.

1052. (Cancelled)

1053. (Currently amended) The compound-composition of claim 1039, wherein the

compound-composition comprises at least one co-antioxidant.

1054. (Cancelled)

1055. (Currently amended) The compound-composition of claim 1039, wherein the

compound composition is part of an aqueous solution.

1056. (Currently amended) The compound-composition of claim 1039, wherein the

compound-composition is part of an oily suspension.

1057. (Currently amended) The compound-composition of claim 1039, wherein the

chemical compound is optically active.

1058. (Cancelled)